

RoHS
Compliant



Features

- Low profile, flat type relay
- Max. Switching capacity: 15A
- Tungsten lamp load: 10A 125V AC
- High sensitivity 200mW
- Dimensions: 23mm×16.1mm×10.2mm

Specifications

Insulation Resistance		Min. 1000MΩ 500V DC
Dielectric Strength	Between open contacts	750V AC, 1min.
	Between coil and contacts	2,500V AC, 1min.
Operate Time		Max. 15ms
Release Time		Max. 8ms
Operating Temperature		-40°C to +85°C
Humidity		35 ~ 95%RH, +40°C
Shock Resistance	Endurance	1,000m/s ²
	Misoperation	100m/s ²
Vibration Resistance	Endurance	10~55Hz, 1.5mm double amplitude
	Misoperation	10~55Hz, 1.5mm double amplitude
Weight		Approximately 9.0g

Contact Data

Contact Form		1 Form A
Contact Material		Ag Alloy
Contact Rating		15A 125V AC 10A 250V AC/24V DC
Contact Resistance		Max. 100mΩ (6V DC 1A)
Load	Min. Switching Voltage	250V AC/30V DC
	Max. Switching Current	16A
	Max. Switching Power	4,000VA, 480W
	Max. Switching Load	5V DC, 100mA
Electrical Life		100,000 operations
Mechanical Life		10,000,000 operations

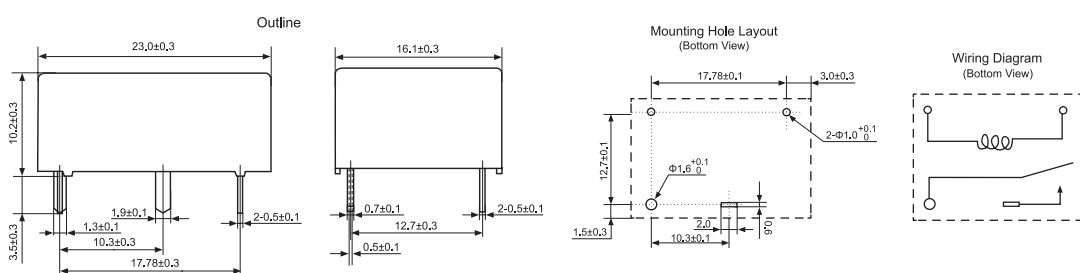
Coil Data

Nominal Coil Power	200mW
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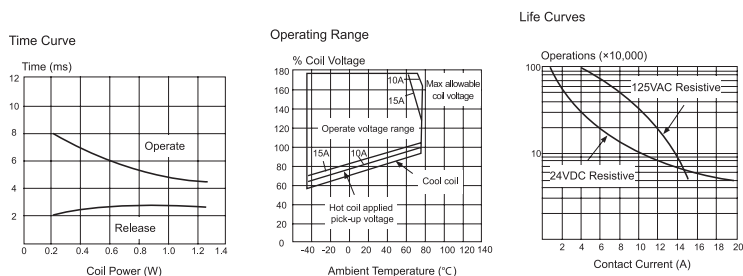
Coil Data

Part Number	Nominal Voltage V DC	Coil Resistance $\Omega \pm 10\%$	Operate Voltage $\leq V$ DC	Release Voltage $\geq V$ DC	Coil Power mW
MP-V6-S-DC5V	5	125	3.75	0.5	200
MP-V6-S-DC12V	12	720	9	1.2	
MP-V6-S-DC24V	24	2880	18	2.4	

Wiring Diagram, Mounting Hole Layout



Reference Data



Part Number Table

Description	Part Number
Relay PCB NO 5V DC	MP-V6-S-DC5V
Relay PCB NO 12V DC	MP-V6-S-DC12V
Relay PCB NO 24V DC	MP-V6-S-DC24V

Dimensions : Millimetres

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